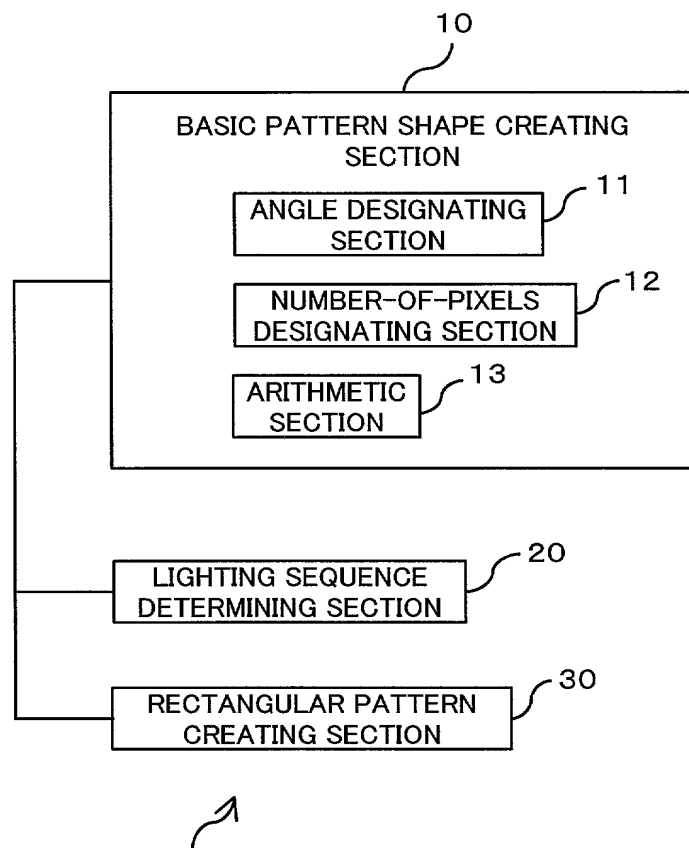
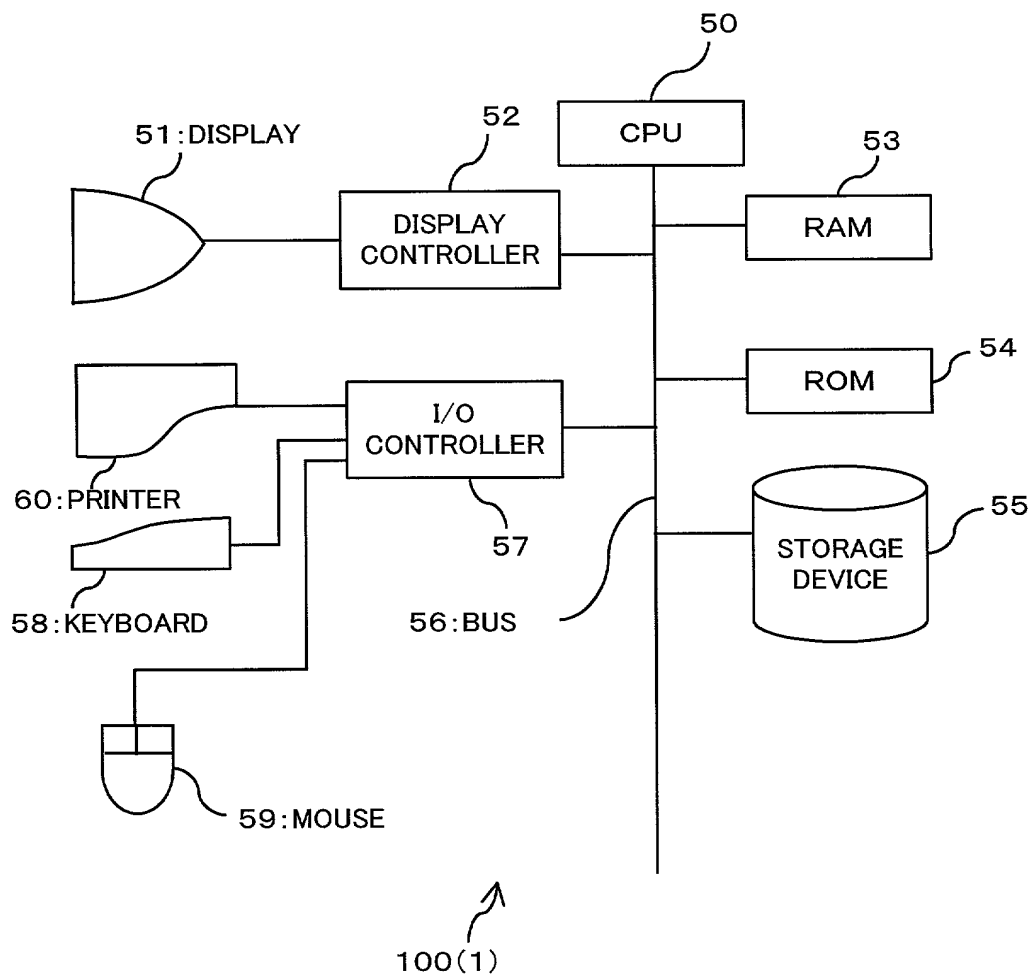


FIG. 1

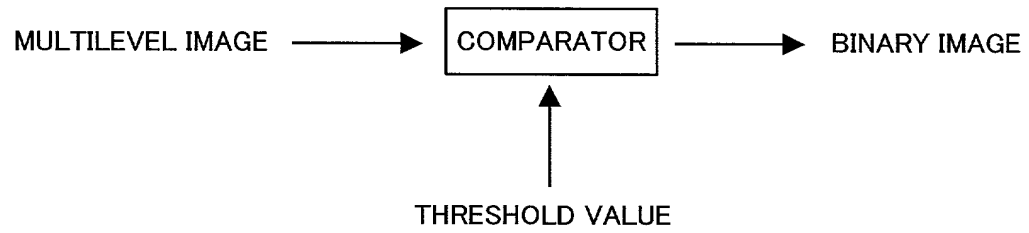


1: BINARY-CODING PATTERN CREATING APPARATUS

FIG. 2



**FIG. 3**



**FIG. 4**

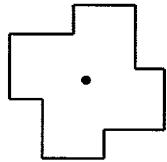


FIG. 5A

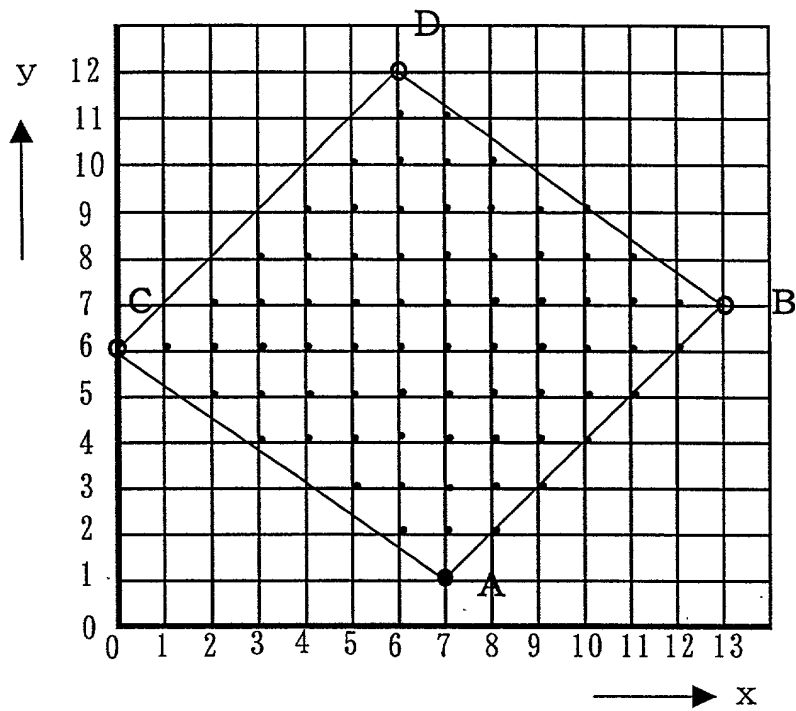


FIG. 5B



CONVERTED INTO DOTS

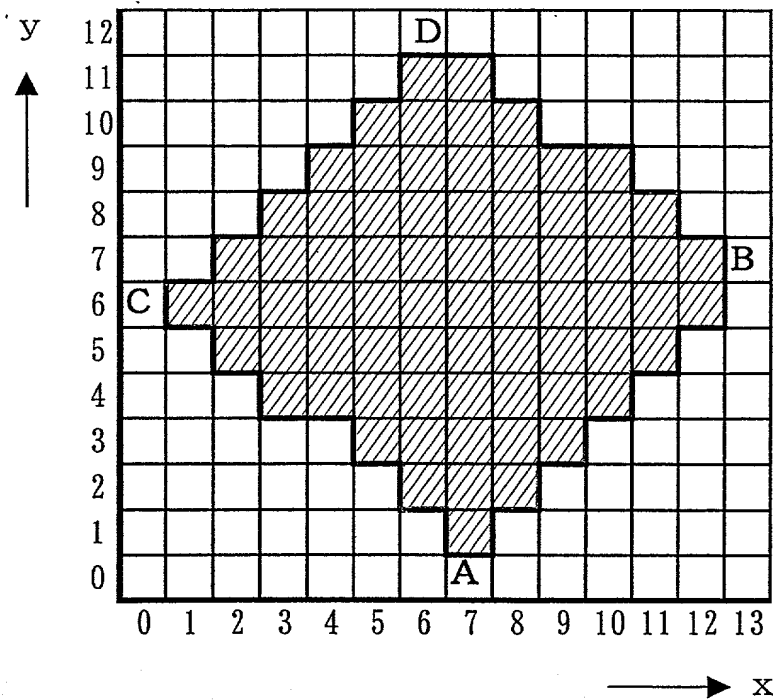
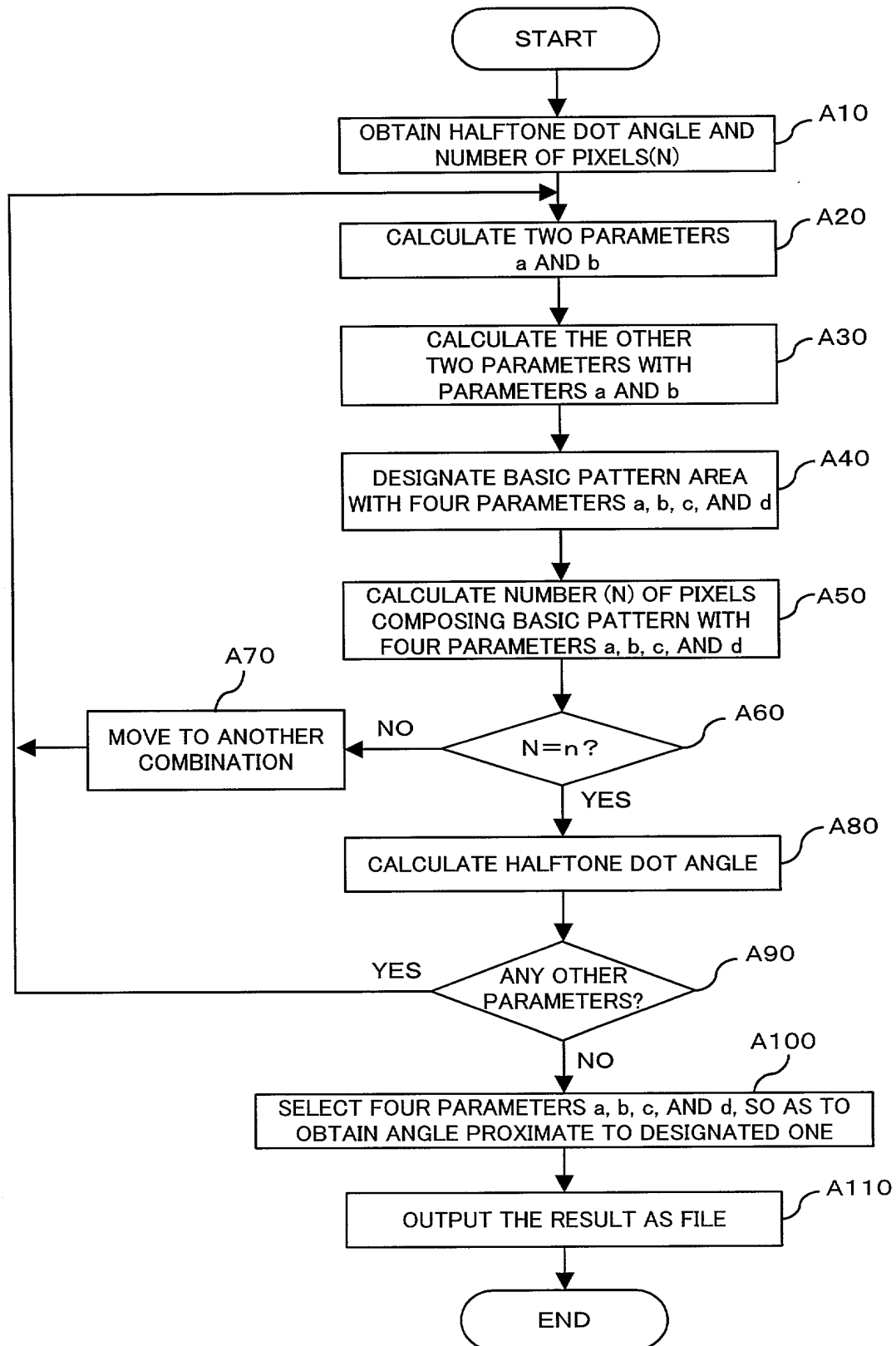


FIG. 6



**FIG. 7**

0-th solution (a, b, c, d) = (6, 6, 6, 6) slope= 0.000000  
1-th solution (a, b, c, d) = (6, 6, 7, 5) slope= 0.000000  
2-th solution (a, b, c, d) = (6, 6, 5, 7) slope= 0.000000  
3-th solution (a, b, c, d) = (7, 5, 6, 6) slope= 0.000000  
4-th solution (a, b, c, d) = (6, 5, 6, 7) slope= 0.142857  
5-th solution (a, b, c, d) = (7, 6, 5, 6) slope= 0.142857  
6-th solution (a, b, c, d) = (6, 6, 8, 4) slope= 0.000000  
7-th solution (a, b, c, d) = (6, 6, 4, 8) slope= 0.000000  
8-th solution (a, b, c, d) = (8, 4, 6, 6) slope= 0.000000  
9-th solution (a, b, c, d) = (7, 4, 4, 8) slope= 0.428571

FIG. 8

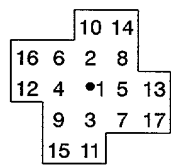


FIG. 9

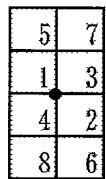


FIG. 10

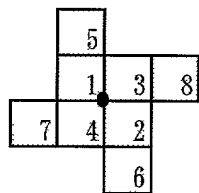
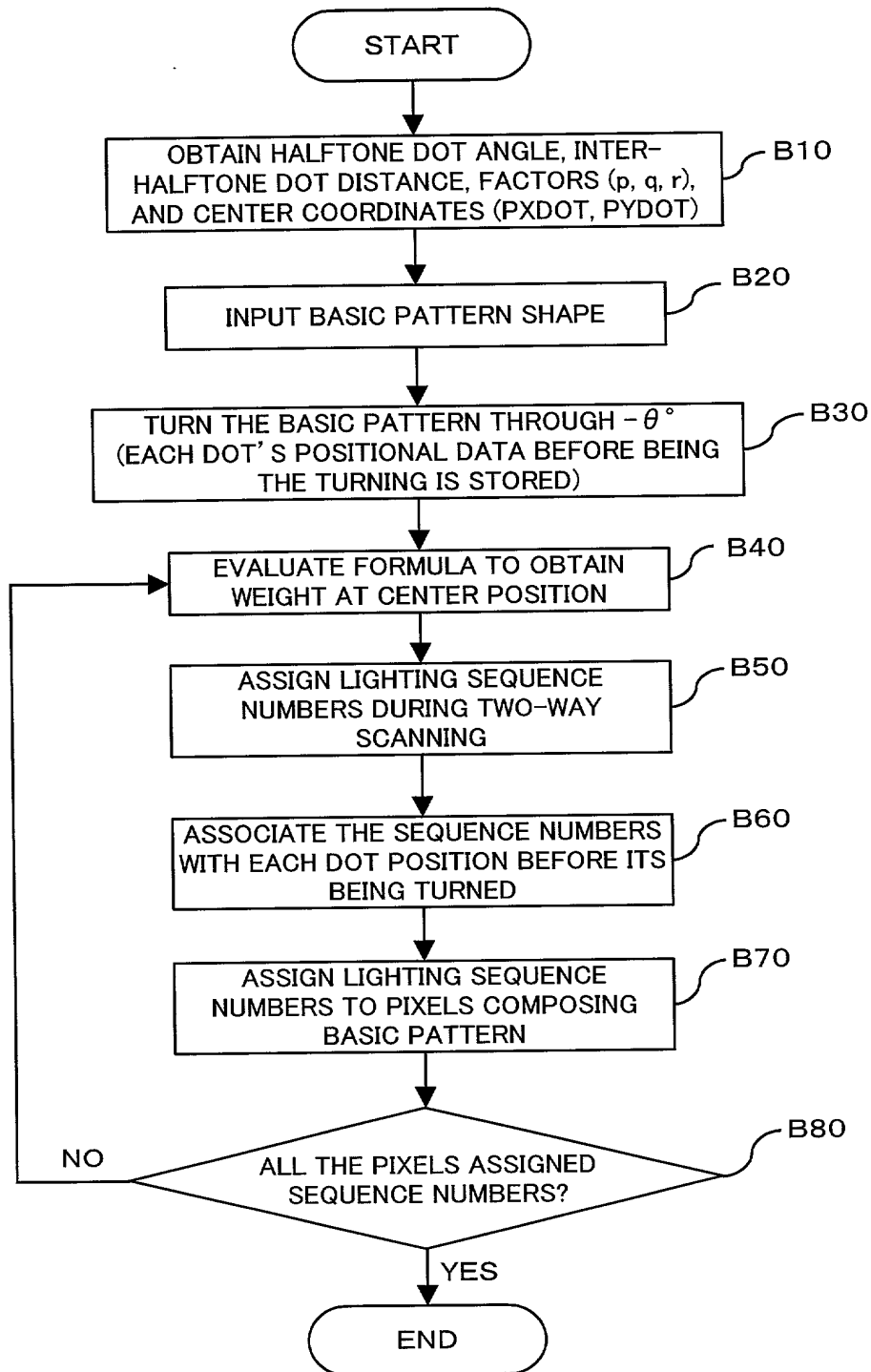
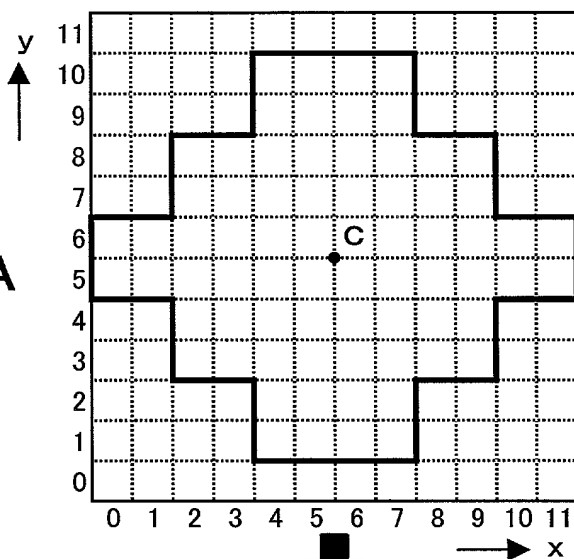


FIG. 11





[illegible]

**FIG. 12B**

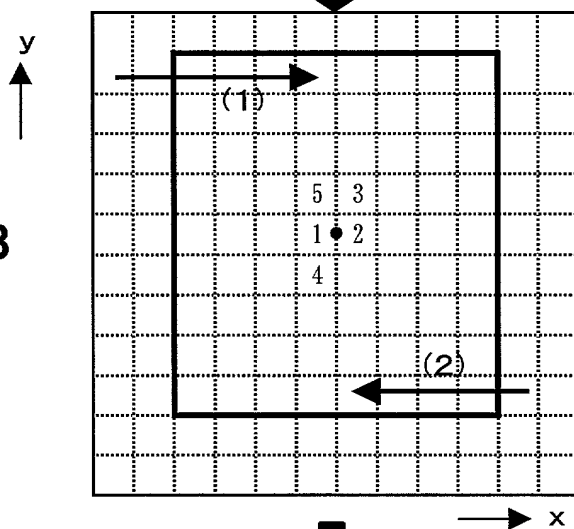


FIG. 12C

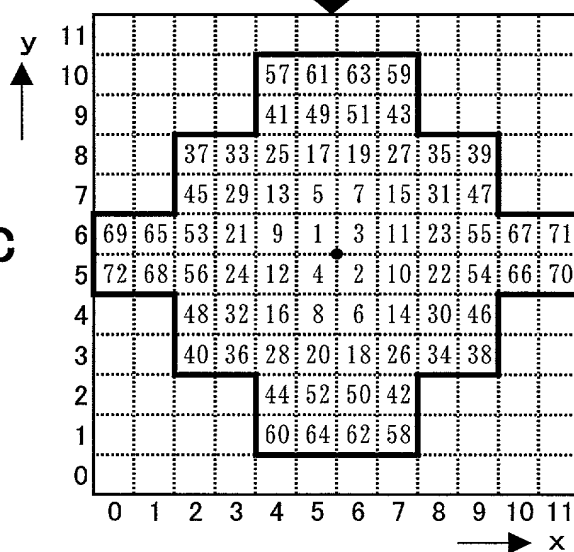


FIG. 13

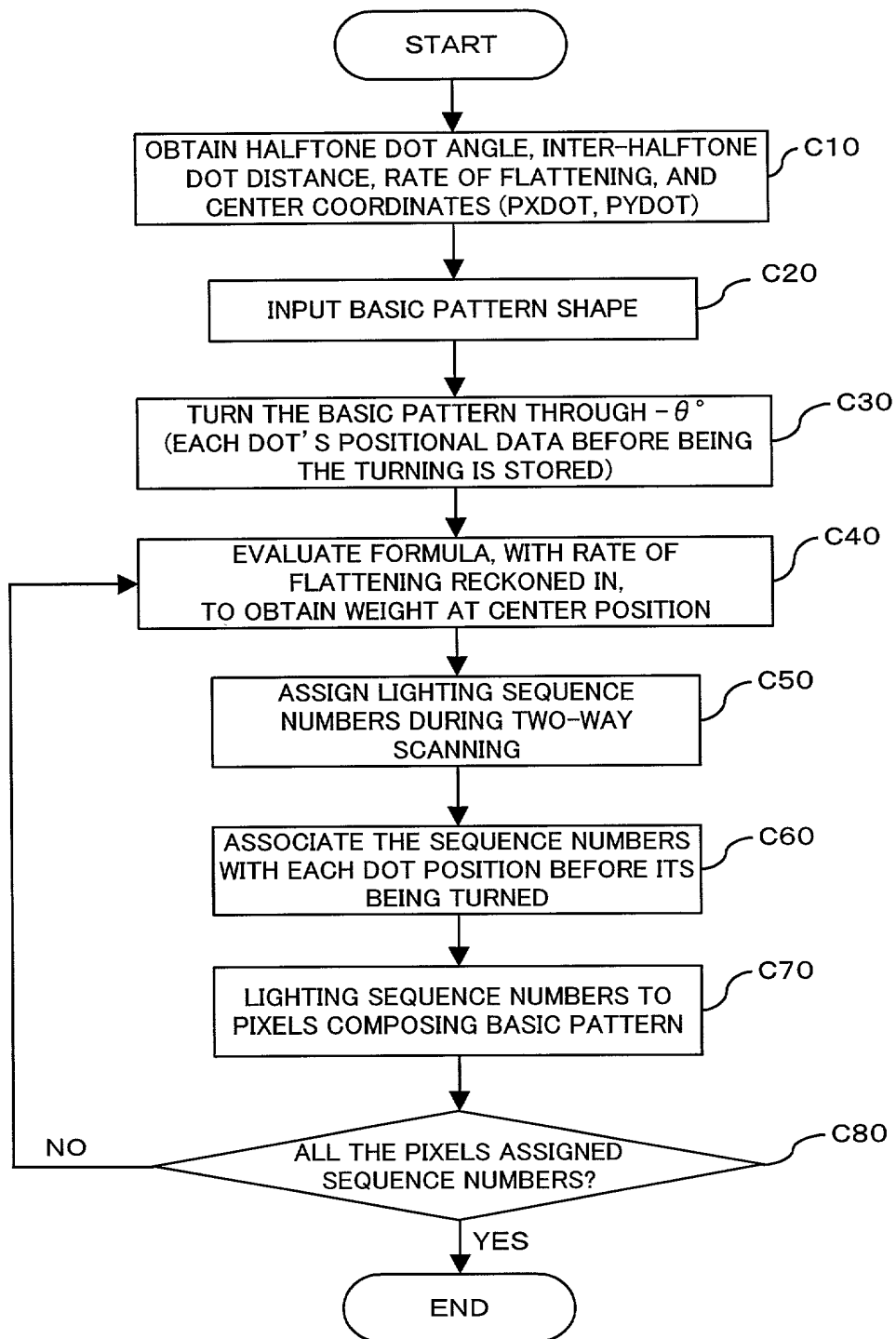
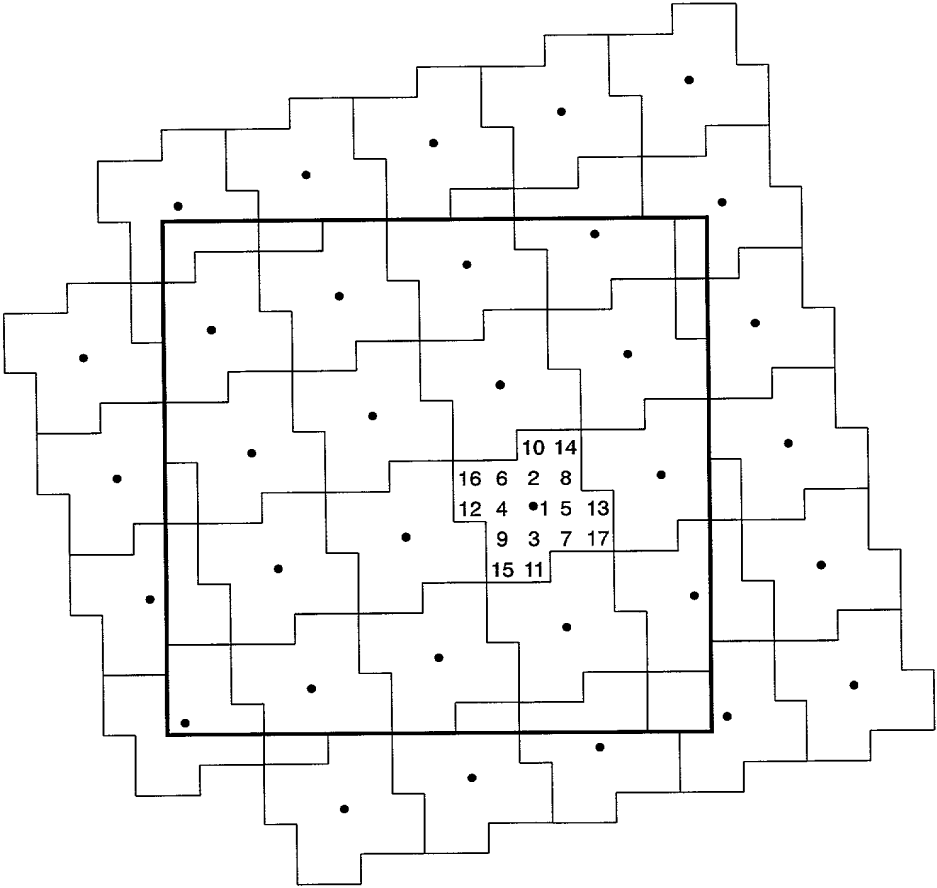
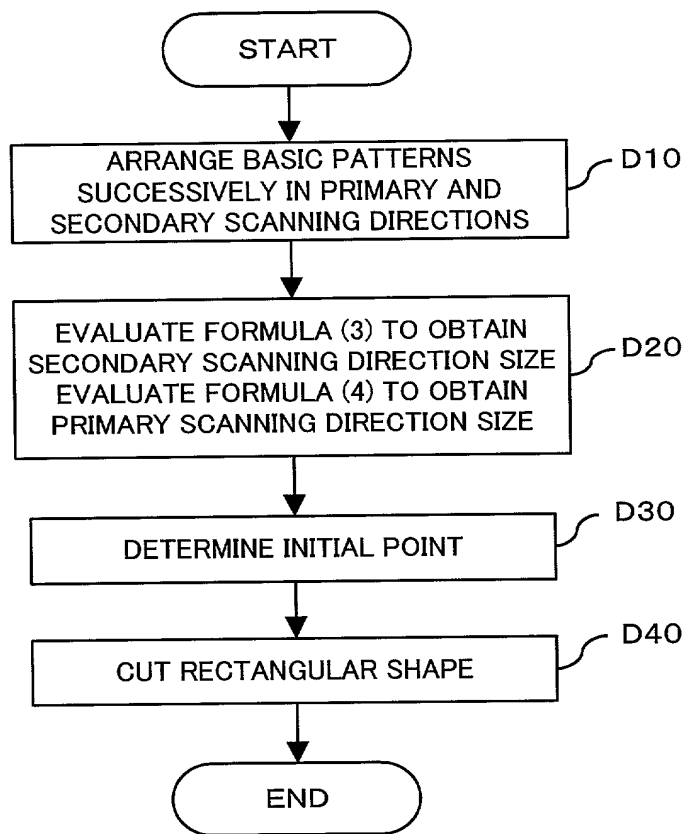


FIG. 14

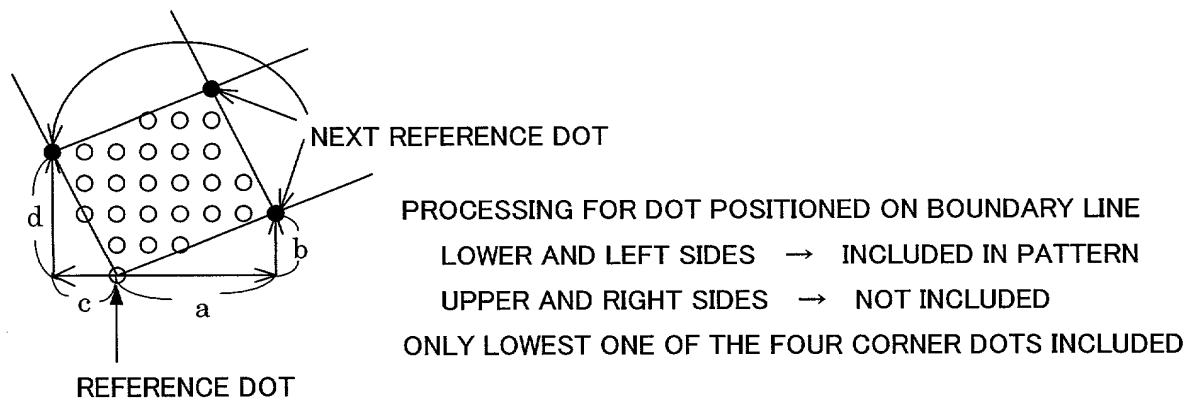


: RECTANGULAR PATTERN

FIG. 15



# FIG. 16A



↓ ARRANGE BASIC PATTERNS ALL OVER THE PLANE

# FIG. 16B

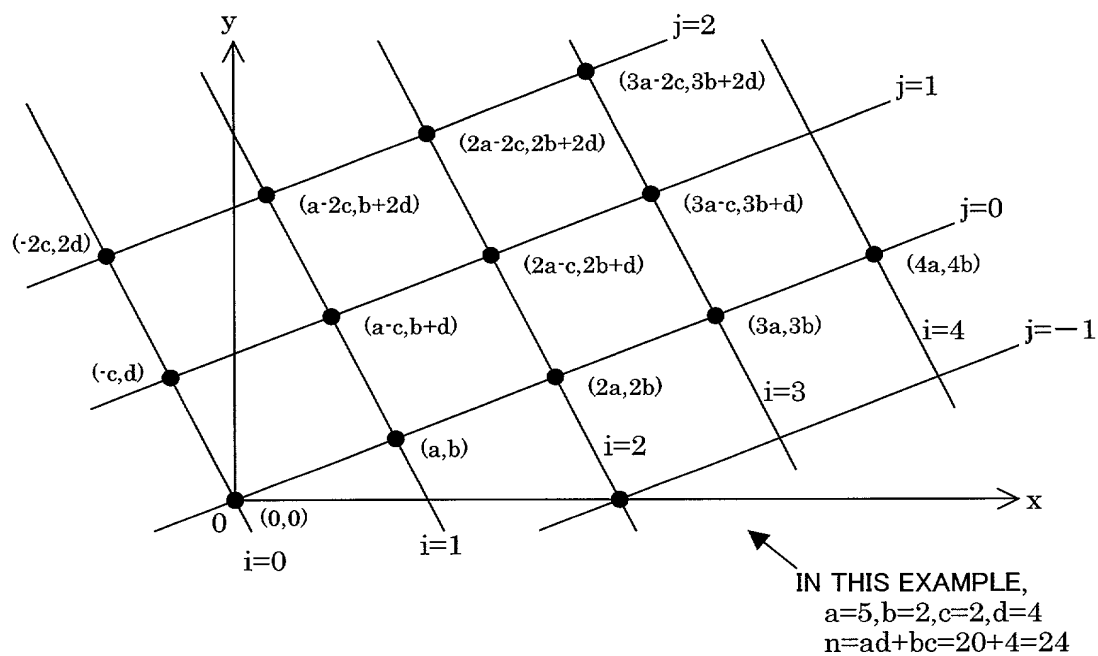


FIG. 17

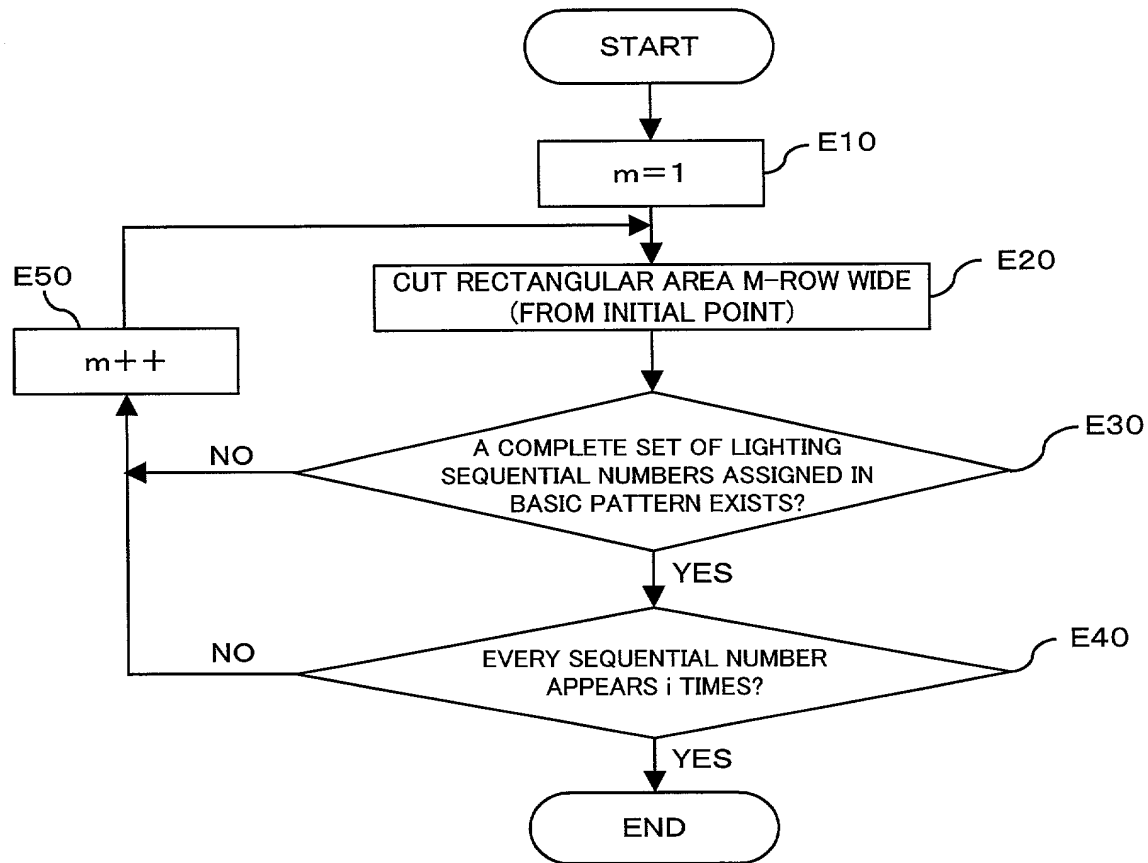


FIG. 18

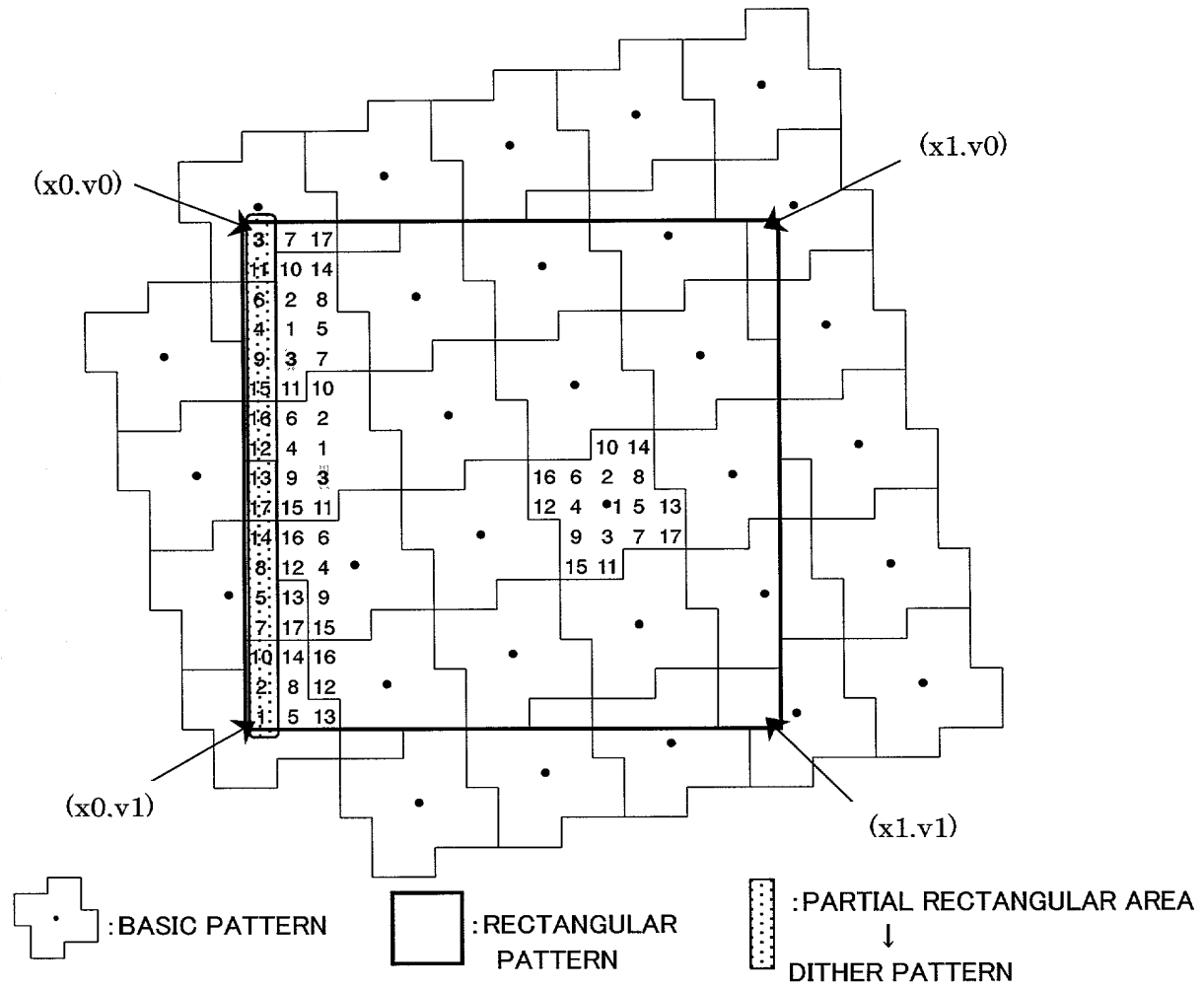
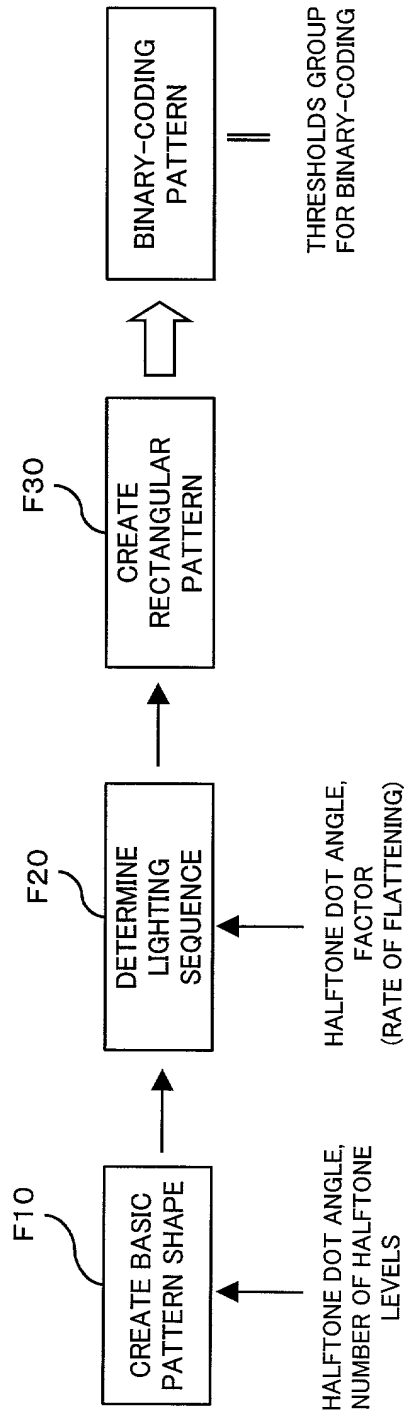


FIG. 19





[illegible]